

# INJ-0200G-60-24-T

Industrial IEEE 802.3bt Gigabit Type 3 4PPoE Injector,  
EOT: -40° to 75°C



## Features

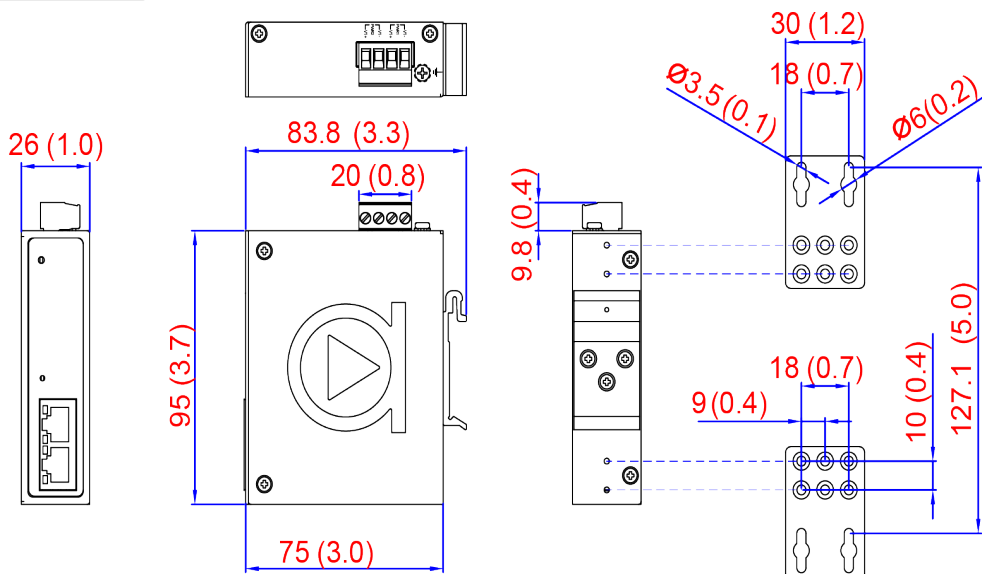
- ▶ Supports 10/100/1000Tx for PoE & Data Out
- ▶ IEEE 802.3bt Type 3 4PPoE Compliant
- ▶ Provide Data and Power over Ethernet to Power Device
- ▶ Provides up to 60 Watts on PoE Port
- ▶ Allows Power Input of 9~48VDC
- ▶ IP30 Protection
- ▶ Operating Temperature Range (– EOT): -40° to 75°C
- ▶ DIN-Rail or Wall Mountable
- ▶ 5-Year Warranty

## INTRODUCTION

Antaira Technologies' INJ-0200G-60-24-T is an industrial high-power IEEE 802.3bt Type 3 Power over Ethernet (PoE) injector backwards compatible with previous IEEE 802.3af/at standards. By utilizing multiple pairs of pins on the RJ45 cable this industrial grade PoE injector is capable of providing up to 60 Watts of power to end devices. Each port supports 10/100/1000Tx for both power in and data out.

The INJ-0200G-60-24-T is IP30 rated, DIN-rail mountable, and supports an extended temperature of -40°C to 75°C, making it ideal for outdoor or harsh industrial applications.

## DIMENSIONS



Unit: mm (inch)

Din-rail

Wall-mount

## SPECIFICATIONS

<b>Technology</b>		<b>Power Requirement</b>		
<b>Standards</b>	IEEE 802.3 10BaseT Ethernet	<b>Input Voltage</b>	9~48VDC, Power Inputs	
	IEEE 802.3u 100BaseTX Fast Ethernet	<b>Power Connection</b>	4-pin terminal block	
	IEEE 802.3ab 1000BaseT(X)	<b>Reverse Polarity Protection</b>	Present	
	IEEE 802.3af/at/bt Power over Ethernet	<b>Overload Current Protection</b>	Present	
<b>Switch Properties</b>		<b>Power Consumption</b>	5Watts for system	
<b>Transfer Rate</b>	14,880pps for Ethernet Port	<b>PoE Power Output</b>	60W max. per PoE port	
	148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	<b>Max. PoE Power Budget</b>	60Watts	
<b>Interface</b>		<b>Environmental Limits</b>		
<b>Ethernet Port</b>	2*10/100/1000BaseT(X) (1*Data IN, 1*PoE OUT)	<b>Operating Temperature</b>	EOT: -40°C ~ 75°C	
<b>PoE Port Pin Assignment</b>	V+ for pin 3, 4, 5, 6 V- for pin 1, 2, 7, 8	<b>Storage Temperature</b>	-40°C ~ 85°C	
<b>LED Indicators</b>	Power and PoE	<b>Ambient Relative Humidity</b>	5% to 95%, (non-condensing)	
<b>Mechanical Characteristics</b>		<b>Regulatory Approvals</b>		
<b>Housing</b>	Metal, IP30 protection	<b>EMI</b>	CE, FCC Class A EN61000-6-4, EN61000-6-2, EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8 (Magnetic Field)	
<b>Dimensions</b>	26 x 95 x 75 mm (W x H x D) Unit: 0.60 lbs.		<b>Free Fall</b>	IEC60068-2-32
<b>Weight</b>	Shipping: 1.0 lbs.		<b>Shock</b>	IEC60068-2-27
<b>Mounting</b>	DIN-Rail Mounting, Wall Mounting		<b>Vibration</b>	IEC60068-2-6
		<b>Green</b>	RoHS Compliant	
		<b>Certifications</b>	FCC, CE, UL (Pending)	
		<b>Warranty</b>	5 Years	

## ORDERING INFO

INJ-0200G-60-24-T Industrial IEEE 802.3bt Gigabit Type 3 4PPoE Injector; EOT: -40°~75°C

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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